

Friction Lab due at the end of class:

What factors influence the force of friction?

surface area - change the face

weight - 1 2 and 3 blocks on top

speed - stopped, slow fast - no acceleration

type of surface -

calculations - $\mu = F_f/F_N = F_a/F_g$ (the applied force = friction force, the weight, F_g = normal force, F_N in this lab)

conclusion - what factors influenced? by how much?

sources of uncertainty -